42.94% 25.70% 5.83% 3.96% 2.50% 2.46%

2 33%

14.28%

■ Fund (7) ■ Benchmark (-) Based on 3 year standard deviation

How the fund is invested

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Composition

Canadian Equity	33.51%
Foreign Equity	25.65%
United States Equity	19.18%
Canadian Fixed Income	7.03%
United States Fixed Income	4.73%
Cash & Equivalents	4.07%
Foreign Fixed Income	1.84%
Other	3.99%

High

Geographic split

Canada
United States
Japan
United Kingdom
France
Germany
Switzerland
Other

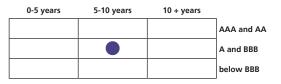
Top holdings (As at September 30, 2017)

(b dt September 56, 2617)	
MAM EAFE Equity Index Pooled	25.94%
MAM Cdn Eq Index Pooled Fund	25.70%
MAM US Equity Index Pooled Fund	20.65%
MAM Strategic Income Pooled	8.01%
MAM Canadian Bond Index Pooled	6.45%
MLI Cdn Large Cap Value Eq (MAM)	4.30%
MAM Canadian Large Cap Growth Pooled	4.28%
Manulife Canadian Real Estate Investment Fund	3.51%
MLI Cdn Mortgage (MFC)	0.52%

Equity style and capitalization



Target duration and credit quality



Note: All rates of return are shown before investment management fees or taxes have been deducted.

The rate of return is used only to illustrate the effects of the compound growth rate and is not intended to reflect the future values or returns in the Fund.

Source: Lipper, a Thomson Reuters company

Manulife Target Date 2050 Index Fund (Manulife)

Objective The Target Date Index Fund invests in a well diversified portfolio of underlying funds that are passively managed. The Fund is designed for members who are planning to retire by or around 2050.

Managed by Manulife Asset Mgmt Ltd - Portfolio Solutions Grp Fund managers Various (please refer to Top Holdings allocation on this page) Inception date December 2012

Total assets \$0.2 million

Overall past performance

This graph shows how a \$10,000 investment in this fund would have changed in value over time, based on gross returns. Gross rates of return are shown before investment management fees have been deducted.

Manulife Target Date 2050 Index Fund (Manulife) - (\$16,047)
Benchmark: NA - (-)

15,000 _								~~~-		\sim	
10,000 -					-	~~					
5,000 -											
0 .											
Annual returns (%)	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	
Fund Benchmark	-	-	-	-	-	18.88	11.27	4.81	9.65	5.56	
Derici II Idl K	-	-	-	-	-		-	-	-	-	:

Annualized compound returns (As at September 30, 2017)

This table shows the historical annual compound total return of the fund compared with the benchmark, as outlined in the rate of return expectation below.

	3 mo (%)	1 year (%)	2 year (%)	3 year (%)	5 year (%)	10 year (%)
Fund	1.54	8.34	9.46	7.23	-	-
Benchmark	-	-	-	-	-	-

Investment objective

The fund's performance is benchmarked against a blend of:

- 20.0% FTSE TMX Canada Universe Bond Index
- 40.0% S&P/TSX Composite Total Return Index (\$CA)
- 20.0% S&P 500 Composite Total Return Index (\$CA)
- 20.0% MSCI EAFE Total Return Index (\$CA)

Manulife